

Form PTO-1449
(Rev. 2-32)U.S. Department of Commerce
Patent and Trademark OfficeAtty. Docket No.
ACT-185Serial No.
08/603,597Information Disclosure
Statement by Applicant
(Use several sheets if necessary)Applicant: **McGowan, et al.**Filing Date: **02/16/96** Group: **2509**

U.S. PATENT DOCUMENTS

Exam. Init.		Document No.	Date	Name	Class	SubClass	Filing Date
RRR	A	3,816,725	06/11/74	Greer	235	152	04/28/72
RRR	B	3,818,452	06/18/74	Greer	340	166	04/28/72
RRR	C	3,849,638	11/19/74	Greer	235	152	07/18/73
RRR	D	3,987,287	10/19/76	Cox, et al.	235	152	12/30/74
RRR	E	4,293,783	10/06/81	Patil	307	465	11/01/78
RRR	F	4,433,331	02/21/84	Kollaritsch	340	825.83	12/14/81
RRR	G	4,642,487	02/10/87	Carter	307	465	09/26/84
RRR	H	4,677,318	06/30/87	Veenstra	307	465	04/12/85
RRR	I	4,701,922	10/20/87	Kuboki, et al.	371	25	08/26/85
RRR	J	4,706,208	11/10/87	Helms	364	580	09/03/85
RRR	K	4,713,557	12/15/87	Carter	307	242	02/11/87
RRR	L	4,717,912	01/05/88	Harvey, et al.	340	825.83	10/07/82
RRR	M	4,742,252	05/03/88	Agrawal	307	465	03/29/85
RRR	N	4,758,745	07/19/88	Elgamal, et al.	307	465	09/19/86
RRR	O	4,758,985	07/19/88	Carter	365	94	03/28/86
RRR	P	4,763,020	08/09/88	Takata, et al.	307	465	09/04/86
RRR	Q	4,786,904	11/22/88	Graham, III, et al.	340	825	12/15/86
RRR	R	4,789,951	12/06/88	Birkner, et al.	364	716	05/16/86
RRR	S	4,821,176	04/11/89	Ward, et al.	364	200	12/15/86
RRR	T	4,823,181	04/18/89	Mohsen, et al.	357	51	05/09/86
RRR	U	4,847,612	07/11/89	Kaplinsky	340	825.800	01/13/88
RRR	V	4,847,732	07/11/89	Stopper, et al.	361	395	06/08/88
RRR	W	4,857,774	08/15/89	El-Ayat, et al.	307	465	09/30/88
RRR	X	4,870,300	09/26/89	Nakaya, et al.	307	303	05/15/87
RRR	Y	4,870,302	09/26/89	Freeman	307	465	02/19/88
RRR	Z	4,871,930	10/03/89	Wong, et al.	307	465	05/05/88
RRR	AA	4,873,459	10/10/89	El Gamal, et al.	307	465	05/18/88
RRR	AB	4,903,223	02/20/90	Norman, et al.	364	716	05/05/88
RRR	AC	4,910,417	03/20/90	El Gamal, et al.	307	465	01/05/89
RRR	AD	4,914,055	04/03/90	Gordon, et al.	437	192	08/24/89
RRR	AE	4,963,768	10/16/90	Agrawal, et al.	307	465	09/12/88

Examiner

Richard Roseen

Date Considered

7-2-97

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include a copy of this form with the next communication to applicant.

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RRR	AF	4,963,770	10/16/90	Keida	307	465	01/24/90
RRR	AG	5,001,368	03/19/91	Cliff, et al.	307	465	12/08/89
RRR	AH	5,003,200	03/26/91	Sakamoto	307	465	09/18/89
RRR	AI	5,015,885	05/14/91	El Gamal, et al.	307	465	02/10/89
RRR	AJ	5,019,736	05/28/91	Furtek	307	465	10/25/89
RRR	AK	5,023,606	06/11/91	Kaplinsky	340	825.8	05/09/89
RRR	AL	5,055,718	10/08/91	Galbraith, et al.	307	465	05/11/90
RRR	AM	5,070,384	12/03/91	McCollum, et al.	357	51	04/12/90
RRR	AN	5,073,729	12/17/91	Greene, et al.	307	465.1	06/22/90
RRR	AO	5,083,083	01/21/92	El-Ayat, et al.	324	158	07/05/89
RRR	AP	5,122,685	06/16/92	Chan, et al.	307	465.1	03/06/91
RRR	AQ	5,132,571	07/21/92	McCollum, et al.	307	465.1	08/01/90
RRR	AR	5,140,193	08/18/92	Freeman, et al.	307	465	03/27/90
RRR	AS	5,144,166	09/01/92	Camarota, et al.	307	465	11/02/90
RRR	AT	5,151,623	09/29/92	Agrawal	307	465	10/18/91
RRR	AU	5,171,715	12/15/92	Husher, et al.	437	195	05/22/92
RRR	AV	5,172,014	12/15/92	El Ayat, et al.	307	465	01/15/91
RRR	AW	5,181,096	01/19/93	Forouhi	257	530	10/26/90
RRR	AX	5,187,393	02/16/93	El Gamal, et al.	307	465.1	04/15/92
RRR	AY	5,220,213	06/15/93	Chan, et al.	307	465	03/06/92
RRR	AZ	5,245,227	09/14/93	Furtek, et al.	307	465	08/30/91
RRR	BA	5,258,668	11/02/93	Cliff, et al.	307	465	05/08/92
RRR	BB	5,260,611	11/09/93	Cliff, et al.	307	465	05/08/92
RRR	BC	5,291,079	03/01/94	Goetting	307	465	07/23/92
RRR	BD	5,302,866	04/12/94	Chiang, et al.	307	465	03/18/93
RRR	BE	5,313,119	05/17/94	Cooke, et al.	307	465	10/28/91
RRR	BF	5,331,226	07/19/94	Goetting	307	465	07/23/92
RRR	BG	5,400,262	03/21/95	Mohsen	364	489	12/27/93

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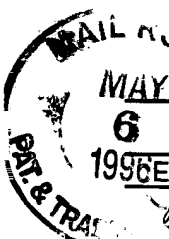
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FOREIGN PATENT DOCUMENTS

Translation

Exam. Init	Document No.	Date	Country	Class	SubClass	Yes	No
BH	0 162 529	03/01/89	Europe	H01L 29	86	X	
BI	0 394 575	10/31/90	Europe	H03K 19	177	X	
BJ	0 452 091	10/15/91	Europe	H01L 23	525	X	
BK	39 27 033	03/01/90	Germany	H01L 45	00	X	
BK	87/02827	05/07/87	PCT	H01L 27	24	X	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

BL	Hsieh, et al., "Third-Generation Architecture Boosts Speed and Density of Field-Programmable Gate Arrays", IEEE, 1990, Custom Integrated Circuits Conference, pp. 31.2.1-31.2.7.
BM	Cartier, "Implementing FIFOs in XC4000E RAM", Xilinx, Inc., 1995, pp. 1-15.
BN	Wilson, "Altera Puts Memory Into Its Flex PLDs", E.E. Times, pp. 1 & 108.
BO	"Embedded Programmable Architecture Targets Mainstream ASIC Designers", April, 1995, Computer Design, pp. 80 & 96.
BP	"Altera Targets High-End ASIC Designs with FLEX 10K Architecture", news release "Business Wire", March 20, 1995, pp. 1-2.
BQ	"Flex 10K Embedded Programmable Logic Family", Altera Corporation, Preliminary Information, pp. 6-9.

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04/21/97

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U.S. Patent Documents								
Init.		Document No.	Date	Name	Class	Subclass	Filing Date	
RRR	A	5,233,539	08/03/93	Agrawal, et al.	364	489	10/30/89	
RRR	B	5,559,450	09/24/96	Ngai, et al.	326	40	07/27/95	
RRR	C	5,570,040	10/29/96	Lytle, et al.	326	41	03/22/95	
Foreign Documents Translation								
Init.		Document No.	Date	Country	Class	Subclass	Yes	No
RRR	D	0 410 759 A2	26 Jul 90	EPO	H03K 19	173	X	
RRR	E	0 507 507 A2	26 Mar 92	EPO	H03K 19	177	X	
Other Documents (Including Author, Title, Date, Pertinent Pages, Etc.)								
Examiner <i>Richard Roseen</i>					Date considered <i>7-2-97</i>			
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U.S. Patent Documents								
Init.		Document No.	Date	Name	Class	Subclass	Filing Date	
Foreign Documents								
							Translation	
Init.		Document No.	Date	Country	Class	Subclass	Yes	No
Other Documents (Including Author, Title, Date, Pertinent Pages, Etc.)								
RRR	A	Kawana, et al., "An Efficient Logic Block Interconnect Architecture for User-Reprogrammable Gate Array", 1990, IEEE, Custom Integrated Circuits Conference, pp. 31.3.1 -31.3.4.						
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